

XIX.—On a Collection of Birds made by Mr. Alfred Sharpe in the Zomba District of Nyasaland. By Captain G. E. SHELLEY, F.Z.S.

MR. ALFRED SHARPE, H.B.M. Consul in Nyasaland, has placed at Mr. Sclater's disposal a collection of birds made by him during the past year at Zomba, the seat of government of the district.

The land-birds were mostly obtained within a radius of ten miles from Zomba, which is situated on the slope of the mountain of the same name, about 2970 feet above the sea-level. The water-birds are from Lake Shirwa, which is some 25 miles distant.

The collection contains examples of 58 species, as follows:—

1. POLYBOROIDES TYPICUS.

Polyboroides typicus, Smith; Sclat. Ibis, 1864, p. 307; Sharpe, Cat. i. p. 48; id. ed. Layard's B. S. Afr. pp. 9, 795; Reichen. Vög. Deutsch-Ost-Afr. p. 85 (1894).

Zomba. A pair of these birds in fully adult plumage.

2. ACCIPITER MELANOLEUCUS.

Accipiter melanoleucus, Smith; Sharpe, Cat. i. p. 156; id. ed. Layard's B. S. Afr. p. 25; Reichen. Vög. Deutsch-Ost-Afr. p. 88.

Zomba. An immature bird in an interesting stage of plumage.

3. LOPHOAËTUS OCCIPITALIS.

Lophoaëtus occipitalis, Daud.; Shelley, Ibis, 1893, p. 6; 1894, p. 2.

Spizaëtus occipitalis, Reichen. Vög. Deutsch-Ost-Afr. p. 89, fig. 41.

Zomba. Two adult examples of this species.

4. ASTURINULA MONOGRAMMICA.

Asturinula monogrammica, Temm.; Shelley, Ibis, 1893, p. 6, 1894, pp. 2, 464; Reichen. Vög. Deutsch-Ost-Afr. p. 87.

Zomba. Two adult examples.

5. *MILVUS ÆGYPTIUS*.

Milvus ægyptius, Gm.; Shelley, *Ibis*, 1893, p. 7, 1894, p. 3; Reichen. *Vög. Deutsch-Ost-Afr.* p. 89.

Zomba. One adult bird.

6. *BUBO MACULOSUS*.

Bubo maculosus (Vicill.); Shelley, *Ibis*, 1894, pp. 3, 468; Reichen. *Vög. Deutsch-Ost-Afr.* p. 96.

Zomba. One specimen.

7. *MEROPS SUPERCILIOSUS*.

Merops superciliosus, Linn.; Shelley, *Ibis*, 1893, p. 7, 1894, p. 4; Reichen. *Vög. Deutsch-Ost-Afr.* p. 135.

Zomba. A specimen in full breeding-plumage.

8. *DICROCERCUS HIRUNDINACEUS*.

Dicrocercus hirundinaceus (Licht.); Shelley, *Ibis*, 1894, p. 5; Reichen. *Vög. Deutsch-Ost-Afr.* p. 136.

Zomba. Two specimens.

9. *CERYLE MAXIMA*.

Ceryle maxima (Pall.); Shelley, *Ibis*, 1894, p. 5; Reichen. *Vög. Deutsch-Ost-Afr.* p. 130.

Zomba. An adult female.

10. *HALCYON ORIENTALIS*.

Halcyon orientalis, Peters; Sharpe, *Cat.* xvii. p. 238; Shelley, *Ibis*, 1893, p. 8, 1894, p. 6; Reichen. *Vög. Deutsch-Ost-Afr.* p. 133.

Zomba. One specimen.

11. *RHINOPOMASTES CYANOMELAS*.

Rhinopomastes cyanomelas (Vieill.); Shelley, *Ibis*, 1893, p. 8, 1894, p. 6; Reichen. *Vög. Deutsch-Ost-Afr.* p. 138.

Zomba. One adult specimen.

12. *TURACUS LIVINGSTONII*.

Turacus livingstonii, Gray; Shelley, *Ibis*, 1893, p. 9, 1894, pp. 7, 467; Reichen. *Vög. Deutsch-Ost-Afr.* p. 103.

Zomba, October. One specimen.

13. *COCCYSTES HYPOPINARIUS*.

Coccytes hypopinarius, Cab. & Heine; Shelley, *Ibis*, 1893, p. 10; 1894, p. 8.

Zomba. Two specimens, both typically coloured.

This species apparently never ranges so far north as 10° S. lat.

14. *DENDROPICUS ZANZIBARI*.

Dendropicus zanzibari, Malh.; Shelley, Ibis, 1893, p. 12; 1894, pp. 9, 467.

Dendropicus hartlaubi (nec Malh.); Reichen. Vög. Deutsch-Ost-Afr. p. 122.

Zomba. A fine adult female: wing 3·4 inches.

All the specimens of this Woodpecker that I have seen from Nyasaland are very similar in size and belong to this small form. *D. cardinalis*, Hargitt (Cat. B. xviii. p. 295), the largest form, has the wing-measurements from 3·6 in the female to 3·75 in the male, and appears to me a fairly well-marked southern form not yet known from north of the Zambesi and Quanza rivers, while *D. zanzibari* extends north from these rivers to Lamu in East Africa and the Congo in West Africa, as has already been pointed out by Hargitt in his admirably worked-out catalogue.

15. *TURDUS LIBONYANUS*.

Turdus libonyanus (Smith); Shelley, Ibis, 1893, p. 12, 1894, pp. 9, 468; Reichen. Vög. Deutsch-Ost-Afr. p. 233.

Zomba. One specimen.

16. *TURDUS MILANJENSIS*.

Turdus milanjensis, Shelley, Ibis, 1893, p. 12; 1894, p. 9.

Zomba. One specimen.

This very well-marked species is known only from Nyasaland, where it is found on the highlands of Mount Zomba and Mount Milanji.

17. *PRATINCOLA TORQUATA*.

Pratincola torquata (Linn.); Shelley, Ibis, 1893, p. 15; 1894, p. 12.

Zomba. One specimen.

This species does not appear to pass north of 10° S. lat., which I consider to be the northern limit of the South African Subregion.

18. PYCNONOTUS LAYARDI.

Pycnonotus layardi, Gurney; Shelley, Ibis, 1893, p. 13, 1894, p. 468; Reichen. Vög. Deutsch-Ost-Afr. p. 207.

Zomba. One specimen.

19. CRINIGER FUSCICEPS.

Xenocichla fusciceps, Shelley, Ibis, 1893, p. 13; 1894, pp. 10, 468, pl. i. fig. 2.

Milanji, Oct. One specimen.

It appears to me that the real characters for distinguishing the genus *Xenocichla* from the genus *Criniger* may be summed up as follows:—

- a. Bill deeper than broad at nostrils and much compressed at the sides; culmen nearly straight, and the keel of the lower mandible distinctly curved upwards *Xenocichla*.
- b. Bill wider than deep at nostrils and not much compressed at the sides throughout its length; culmen strongly curved; keel of the lower mandible horizontal, never distinctly curved upwards. *Criniger* group.

The genus *Xenocichla*, I consider, should consist of only the following six species:—

1. *X. syndactyla* (the type); 2. *X. poliocephala*; 3. *X. xavieri* not known to me); 4. *X. notata*; 5. *X. eximia*; 6. *X. canicapilla*.

20. MELOCICHLA ORIENTALIS.

Cisticola orientalis, Sharpe; Shelley, Ibis, 1893, p. 15; 1894, p. 12.

Melocichla orientalis, Reichen. Vög. Deutsch-Ost-Afr. p. 220.

Zomba. One specimen.

It appears to me that the genus *Melocichla* should be recognized as distinct from *Cisticola*.

The range of this genus is from Accra and Lado south to Benguela and the Zambesi.

Three rather doubtful subspecies have been recognized:—

1. *Drymæca mentalis*, Fraser, P. Z. S. 1880, p. 16 (Accra).
2. *Cisticola grandis*, Bocage, Journ. Lisb. 1880, p. 56

(Caconda) = *Cisticola meridionalis*, Sharpe, Cat. B. M. vii. p. 243 (1883) (Chinchonxo).

3. *Cisticola orientalis*, Sharpe, t. c. p. 245 (Pangani R.).

In attempting a classification of the birds of Africa I should recognize a subfamily *Cisticolinae*, to include the genera in the following order:—

- a. Bill longer and more slender &c. 1. *Orthotomus*;
2. *Rectirostrum*; 3. *Calamonastes*.
- b. Bill shorter and stouter &c.
- a'. Tail-feathers ordinary.
- a''. Tail of 10 feathers 4. *Burnesia*;
5. *Prinia*; 6. *Debrowskia* (not known to me).
- b''. Tail of 12 feathers.
- a'''. Tail-feathers more slender &c. 7. *Spiloptila*.
- b'''. Tail-feathers much broader.
- a⁴. Smaller; wing less than 2·8 inches;
tail-feathers generally with a dark
subterminal bar 8. *Cisticola*.
- b⁴. Larger; wing not less than 2·8 inches;
tail with pale ends and no dark sub-
terminal bar.
- a⁵. Upper parts uniform.
- a⁶. General plumage rufous brown;
with a black moustachial band .. 9. *Melocichla*.
- b⁶. General plumage brownish black;
with no black moustachial band
and with broad white ends to the
tail-feathers 10. *Pinarornis*.
- b⁵. Crown and mantle mottled; rump
and upper tail-coverts bright rufous. 11. *Chætops*.
- b'. Tail wedge-shaped, the feathers stiffened with
spiny shafts and loose webs; tail of 10
feathers &c. 12. *Sphenæacus*;
13. *Dromæocercus*.

21. EREMOMELA SCOTOPS.

Eremomela scotops, Sundev.; Shelley, Ibis, 1893, p. 16;
1894, p. 13.

Zomba. One specimen.

22. CINNYRIS FALKENSTEINI.

Cinnyris falkensteini, Reichen.; Shelley, Ibis, 1893, p. 16,
1894, p. 13; Reichen. Vög. Deutsch-Ost-Afr. p. 212.

Zomba. One full-plumaged male.

23. TARSIGER JOHNSTONI.

Pogonocichla johnstoni, Shelley, *Ibis*, 1893, p. 18; 1894, p. 14.

Milanji, Oct. Two specimens.

As the African genus *Pogonocichla* (Cab. 1847) cannot be separated from the Asiatic genus *Tarsiger* (Hodgs. in Gray's *Zool. Miscell.* 1844, p. 83), the name *T. orientalis* for an African species is an unfortunate one.

24. TERPSIPHONE PERSPICILLATA.

Terpsiphone perspicillata (Swains.); Shelley, *Ibis*, 1893, p. 18, 1894, p. 15; Reichen. *Vög. Deutsch-Ost-Afr.* p. 149. Zomba. One specimen.

25. PELICINIUS BERTRANDI.

Laniarius bertrandi, Shelley, *Ibis*, 1894, pp. 15, 469, pl. 2. fig. 2.

Milanji. One adult male.

It appears to me that the genus *Pelicienius* (Boie, *Isis*, 1826, p. 973, with the type *P. gutturalis*) comprises a distinct little group of seven Bush-Shrikes, and belongs to the section with the upper parts mostly green, which I propose to arrange as follows:—

| | Type. |
|--|-------------------------|
| <i>Pelicienius</i> , Boie, <i>Isis</i> , 1826, p. 973 | <i>P. gutturalis</i> . |
| <i>Chlorophoneus</i> , Cab. <i>Mus. Hein.</i> i. p. 7 (1850) | <i>P. rubiginosus</i> . |
| <i>Archolestes</i> , Cab. t. c. p. 71 | <i>P. olivaceus</i> . |
| <i>Neolestes</i> , Cab. <i>J. f. O.</i> 1875, p. 327, pl. 1. fig. 1 | <i>P. torquatus</i> . |

Key to the Genera of green-backed Bush-Shrikes.

- a. Wings with no yellow tips to the secondaries;
generally with a black gorget 1. *Pelicienius*.
- b. Wings with yellow tips to the secondaries; never
with a black gorget.
 - a'. Breast yellow or olive 2. *Malacotus*.
 - b'. Breast ashy white 3. *Nicator*.

Key to the Species of the Genus *Pelcinius*.

- a.* With a broad black gorget.
- a'.* With broad yellow ends to the tail-feathers.
Throat, centre of breast, and under tail-coverts yellow 1. *gutturialis*.
- b'.* With no broad yellow ends to the tail-feathers.
- a''.* Throat vermilion or crimson; under tail-coverts washed with the same colour. Upper parts and sides of body uniform green, with yellow on sides of forehead.
- a'''.* Centre of breast and under tail-coverts yellow 2. *quadricolor*.
- b'''.* Centre of breast and under tail-coverts maroon-red 3. *viridis*.
- b''.* Throat, sides of head, and the breast whitish.
Crown and back of neck grey; remainder of the upper parts uniform green 4. *torquatus*.
- b.* With no black gorget. The greater part of the sides of the head and neck black in the males, grey in the females.
- c'.* Crown and back of neck grey, remainder of the upper parts green; abdomen and under tail-coverts white; throat and chest shaded with rufous buff.
- c''.* With a white eyebrow and the white in front of the eye immediately next to the grey of the crown 5. *rubiginosus*.
- d''.* With no distinct white eyebrow, and the black extending round the forehead, separating the white from the grey of the crown 6. *bertrandi*.
- d'.* Upper parts generally, and sides of breast, green. Throat, centre of breast, under tail-coverts, and a patch, in front of the black of the head, yellow 7. *olivaceus*.

26. *LANIARIUS MOSAMBICUS*.

Dryoscopus sticturus, Shelley, Ibis, 1893, p. 20.

Dryoscopus mosambicus, Fisch. & Reichen.; Shelley, Ibis, 1894, p. 16.

Dryoscopus major, Reichen. Vög. Deutsch-Ost-Afr. p. 163.

Zomba. One specimen.

As regards *Laniarius* and *Dryoscopus*, they are, in my opinion, two very well-marked genera, which may be separated as follows :—

- a. Sexes alike in plumage. Entire back blackish. Wing more rounded; tip of second primary falls considerably short of the tip of the secondaries 1. *Laniarius*.
- b. Sexes dissimilar. Back never uniform blackish; the males always, and often the females, have the lower back covered with white or grey fluffy feathers, contrasting strongly with the mantle. Wings less rounded; tip of second primary reaches about to the tip of the secondaries. Females differ from the males, either totally and have a brownish plumage, or else are distinguished by having the sides of the forehead white 2. *Dryoscopus*.

27. TELEPHONUS SENEGALUS.

Telephonus senegalus (Linn.); Shelley, *Ibis*, 1893, p. 20, 1894, p. 18; Reichen. *Vög. Deutsch-Ost-Afr.* p. 158.
Zomba. Two specimens.

28. ORIOIUS LARVATUS.

Oriolus larvatus, Licht.; Shelley, *Ibis*, 1893, p. 22; 1894, pp. 19, 470.

Oriolus rolleti, Reichen. *Vög. Deutsch-Ost-Afr.* p. 168.
Zomba. One specimen.

I cannot agree that *O. rolleti* is even subspecifically distinct from *O. larvatus*. From an examination of a large series in the British Museum, I have come to the conclusion that there is no distinctive character in the plumages of the specimens from South and Eastern Africa, and *O. larvatus* probably ranges northward in West Africa to the Cameroons. On the Gold Coast a subspecies, *O. brachyrhynchus* (possibly a local form), may be recognized by the mantle being slightly more olive and the size rather smaller: wing 4.3 to 4.6, culmen and tarsus 0.85 to 0.9. Birds from S. Africa, south of the Zambesi, measure: wing 5.0 to 5.3. Birds from E. Africa, north of the Zambesi: wing 4.7 to 5.3.

29. AMYDRUS MORIO.

Amydrus morio (Linn.); Shelley, Ibis, 1893, p. 22, 1894, p. 19; Reichen. Vög. Deutsch-Ost-Afr. p. 173.

Zomba. One female specimen.

30. HYPHANTORNIS NIGRICEPS.

Hyphantornis nigriceps, Layard; Shelley, Ibis, 1893, p. 23; 1894, p. 19.

Ploceus nigriceps, Reichen. Vög. Deutsch-Ost-Afr. p. 181.

Zomba. Two adult males in full plumage.

31. XANTHOPHILUS XANTHOPS.

Hyphantornis xanthops, Hartl.; Shelley, Ibis, 1893, p. 23; 1894, p. 19.

Ploceus xanthops, Reichen. Vög. Deutsch-Ost-Afr. p. 181.

Zomba. One specimen.

32. VIDUA PRINCIPALIS.

Vidua principalis (Linn.); Shelley, Ibis, 1893, p. 25; 1894, p. 21.

Vidua serena, Reichen. Vög. Deutsch-Ost-Afr. p. 193.

Zomba. One specimen.

33. COLIIPASSER ARDENS.

Penthetria ardens (Bodd.); Shelley, Ibis, 1893, p. 25; 1894, pp. 21, 471.

Coliipasser rubritorques, Reichen. Vög. Deutsch-Ost-Afr. p. 192.

Zomba. One immature specimen.

With regard to the name of this genus, Dr. R. B. Sharpe's objection to the use of the oldest one (Cat. B. Brit. Mus. xiii. p. 215) may be overcome by uniting the two compounds into one word, as *Colii-passer*.

34. PYROMELANA FLAMMICEPS.

Pyromelana flammiceps (Swains.); Shelley, Ibis, 1893, p. 25, 1894, p. 21; Reichen. Vög. Deutsch-Ost-Afr. p. 190.

Zomba. Three full-plumaged males.

35. PYROMELANA XANTHOMELÆNA.

Pyromelana xanthomelæna (Rüpp.); Shelley, Ibis, 1893, p. 25; 1894, p. 21.

Orynx xanthomelas, Reichen. Vög. Deutsch-Ost-Afr. p. 190.

Zomba. Two adult males.

36. ANTHUS RUFULUS.

Anthus rufulus, Vieill.; Shelley, Ibis, 1893, p. 27; 1894, p. 23.

Anthus cinnamomeus, Reichen. Vög. Deutsch-Ost-Afr. p. 198.

Milanji Plateau, Oct. One specimen.

37. VINAGO DELALANDII.

Treron delalandii (Bp.); Shelley, Ibis, 1893, p. 28; 1894, pp. 23, 473.

Vinago delalandii, Salvad. Cat. xxi. p. 24; Reichen. Vög. Deutsch-Ost-Afr. p. 71.

Zomba. One specimen.

38. TURTUR SEMITORQUATUS.

Turtur semitorquatus (Rüpp.); Shelley, Ibis, 1893, p. 28, 1894, p. 24; Salvad. Cat. xxi. p. 416; Reichen. Vög. Deutsch-Ost-Afr. p. 68.

Zomba. One specimen.

39. GALLINULA CHLOROPUS.

Gallinula chloropus (Linn.); Shelley, Ibis, 1894, p. 474; Sharpe, Cat. xxiii. p. 169; Reichen. Vög. Deutsch-Ost-Afr. p. 50.

Lake Shirwa. One specimen.

40. VANELLUS LEUCOPTERUS.

Vanellus crassirostris, Shelley, Ibis, 1894, p. 475.

Vanellus leucopterus, Reichen. J. f. O. 1889, p. 265; id. Vög. Deutsch-Ost-Afr. p. 36.

Defilippia burrowsii, Sharpe, Bull. B. O. Club, vol. iv. p. iv (1894); Ibis, 1895, p. 138.

Lake Shirwa. One specimen.

41. TOTANUS NEBULARIUS, Gunner.

Totanus canescens, Sharpe, ed. Layard's B. S. Afr. p. 687.

Lake Shirwa. One specimen, No. 9.

42. HYDROCHELIDON LEUCOPTERA.

Hydrochelidon leucoptera (Meisner & Schinz); Shelley, Ibis, 1894, pp. 27, 476; Saunders, Cat. xxv. p. 8.

Lake Shirwa. Two specimens.

43. LARUS CIRRHOCEPHALUS.

Larus phaeocephalus, Sw.; Shelley, Ibis, 1894, pp. 27, 476; Reichen. Vög. Deutsch-Ost-Afr. p. 20.

Larus cirrhocephalus, Vicill.; Saunders, Cat. xxv. p. 198.

Lake Shirwa. Two specimens.

44. ARDEA CINEREA.

Ardea cinerea, Linn.; Sharpe, ed. Layard's B. S. Afr. p. 708; Reichen. Vög. Deutsch-Ost-Afr. p. 65.

Lake Shirwa. Two adult specimens.

45. ARDEA PURPUREA.

Ardea purpurea, Linn.; Shelley, Ibis, 1894, p. 27; Reichen. Vög. Deutsch-Ost-Afr. p. 65.

Lake Shirwa. One adult specimen.

46. ARDEA ARDESIACA.

Ardea ardesiaca, Wagl.; Shelley, Ibis, 1894, p. 27; Reichen. Vög. Deutsch-Ost-Afr. p. 65.

Lake Shirwa. One specimen.

47. HERODIAS INTERMEDIA.

Herodias intermedia (Wagl.); Sharpe, ed. Layard's B. S. Afr. p. 714; Reichen. Vög. Deutsch-Ost-Afr. p. 67.

Mpimbi, July. One specimen.

48. HERODIAS RALLOIDES.

Ardeola comata, Shelley, Ibis, 1894, pp. 27, 476.

Ardeola ralloides (Scop.); Reichen. Vög. Deutsch-Ost-Afr. p. 64.

Lake Shirwa. One adult.

49. NYCTICORAX NYCTICORAX.

Nycticorax griseus, Shelley, Ibis, 1893, p. 29; 1894, p. 27.

Nycticorax nycticorax (Linn.); Reichen. Vög. Deutsch-Ost-Afr. p. 63.

Lake Shirwa. One specimen.

50. ANASTOMUS LAMELLIGERUS.

Anastomus lamelligerus, Temm.; Shelley, Ibis, 1894, p. 476; Reichen. Vög. Deutsch-Ost-Afr. p. 57.

Lake Shirwa. Two specimens.

51. DENDROCYGNA VIDUATA.

Dendrocygna viduata (Linn.) ; Shelley, Ibis, 1894, p. 28 ; Reichen. Vög. Deutsch-Ost-Afr. p. 27 ; Salvad. Cat. xxvi. p. 202.

Lake Shirwa, Sept. Two specimens.

52. SARCIIDIORNIS MELANONOTA.

Sarcidiornis africanus, Sharpe, ed. Layard's B. S. Afr. p. 752.

Sarcidiornis melanotos, Reichen. Vög. Deutsch-Ost.-Afr. p. 27.

Sarcidiornis melanonota (Temm.) ; Salvad. Cat. xxvii. p. 54.

Lake Shirwa. Two specimens.

53. QUERQUEDULA PUNCTATA.

Querquedula hottentotta, Shelley, Ibis, 1894, pp. 28, 478.

Anas hottentotta, Reichen. Vög. Deutsch-Ost-Afr. p. 26.

Nettion punctatum (Burch.) ; Salvad. Cat. xxvii. p. 265.

Lake Shirwa, Sept. Six specimens.

54. NYROCA BRUNNEA.

Aythya capensis, Shelley, Ibis, 1894, p. 478.

Fuligula capensis, Reichen. Vög. Deutsch-Ost-Afr. p. 26.

Nyroca brunnea, Eyt. ; Salvad. Cat. xxvii. p. 351.

Lake Shirwa. Three specimens.

55. THALASSORNIS LEUCONOTA.

Thalassornis leuconota, Sharpe, ed. Layard's B. S. Afr. p. 761 ; Salvad. Cat. xxvii. p. 436.

Lake Shirwa. Two specimens.

56. PELECANUS MINOR.

Pelecanus mitratus, Sharpe, ed. Layard's B. S. Afr. p. 776.

Pelecanus, sp. inc., Kirk, Ibis, 1864, p. 338.

Lake Shirwa. Three specimens.

57. PHALACROCORAX AFRICANUS.

Phalacrocorax africanus (Gm.) ; Shelley, Ibis, 1894, p. 28 ; Reichen. Vög. Deutsch-Ost-Afr. p. 22.

Lake Shirwa. Two specimens.

58. PODICEPS CAPENSIS.

Tachybaptus fluviatilis, Shelley, Ibis, 1894, p. 478.

Colymbus fluviatilis, Reichen. Vög. Deutsch-Ost-Afr. p. 17.

Podiceps capensis, "Licht.;" Salvad. Ann. Mus. Civ. Gen. 1884, p. 236.

Lake Shirwa. One specimen.

XX.—Notes on a small Collection of Birds from
Mashonaland. By GUY A. K. MARSHALL.

I HAVE forwarded to my friend, Dr. Bowdler Sharpe, a small collection of birds from the vicinity of Salisbury, in Mashonaland, and, at his request, I have added a few notes on the habits and soft parts of some of the species.

1. ASTURINULA MONOGRAMMICA.

Asturinula monogrammica (T.) ; Sharpe, ed. Layard's B. S. Afr. p. 42 (1875).

No. 2. Salisbury, July 27, 1894. Legs and cere vermilion; bill black; iris brown; anterior portion of palate vermilion, posterior portion black. In crop, one small snake and one scorpion. Native name "Rgwódsi" (meaning "Hawk" generally, I think).

2. MEROPS APIASTER.

Merops apiaster, Linn. ; Sharpe, t. c. p. 96.

No. 9. ♀. Salisbury, Nov. 7, 1894. Bill black; legs slate; iris carmine. In stomach hymenoptera only. Native name "Makwírokwíro."

3. HALCYON PALLIDIVENTRIS.

Halcyon pallidiventris, Cab. ; Sharpe, Cat. B. xvii. p. 235.

No. 21. ♂. Salisbury, Dec. 19, 1894. Bill and legs vermilion, claws dark horn-colour; iris dark brown. In stomach, remains of a large grasshopper (*Clonia wahlbergi*)